

SNAP constraints on dark energy models, viewed in the magnitude-redshift plane. The current set of 18+42 supernovae is supplemented by a set of simulated SNAP supernovae (each SNAP point represents 50 supernovae). A less precise experiment would have difficulty distinguishing between classes of models. Theoretical curves correspond to a variety of dark energy models currently found in the literature. The plot is from Weller and Albrecht (2001).